

RAW SEQUENCE LISTING  
PATENT APPLICATION US/09/254,032

DATE: 06/10/2000  
TIME: 03:35:21

INPUT SET: S35604.raw

This Raw Listing contains the General  
Information Section and up to the first 5 pages.

Does Not Comply  
Corrected Diskette Needed

SEQUENCE LISTING

1  
2  
3 (1) General Information:

--> 4  
5 (i) APPLICANT: *↑ move up - all responses must be on same line as heading*  
6 (A) NAME: BIOMERIEUX  
7 ~~(B) STREET: Chemin de l'Orme~~  
8 ~~(C) CITY: MARCY L'ETOILE~~  
9 ~~(E) COUNTRY: FRANCE~~  
10 ~~(F) POSTAL CODE: 69280~~  
11 *↑ move under first applicant's name*  
12 ~~(A) NAME: SERRE Guy~~  
13 ~~(B) STREET: Residences du Lac, Appt. 46,~~  
14 ~~10 avenue Winston Churchill~~  
15 ~~(C) CITY: TOULOUSE~~  
16 ~~(E) COUNTRY: FRANCE~~  
17 ~~(F) POSTAL CODE: 31100~~  
18 *↑*  
19 ~~(A) NAME: GIRBAL-NEUHAUSER Elisabeth~~  
20 ~~(B) STREET: 22 rue Matelache~~  
21 ~~(C) CITY: TOULOUSE~~  
22 ~~(E) COUNTRY: FRANCE~~  
23 ~~(F) POSTAL CODE: 31000~~  
24 *↑*  
25 ~~(A) NAME: VINCENT Christian~~  
26 ~~(B) STREET: 16, avenue de la Saune~~  
27 ~~(C) CITY: LAUZERVILLE~~  
28 ~~(E) COUNTRY: FRANCE~~  
29 ~~(F) POSTAL CODE: 31650~~  
30 *↑*  
31 ~~(A) NAME: SIMON Michel~~  
32 ~~(B) STREET: 152, chemin du Pech~~  
33 ~~(C) CITY: ESCALQUENS~~  
34 ~~(E) COUNTRY: FRANCE~~  
35 ~~(F) POSTAL CODE: 31750~~  
36 *↑*  
37 ~~(A) NAME: SEBBAG Mireille~~  
38 ~~(B) STREET: 3, rue A. Fredeau~~  
39 ~~(C) CITY: TOULOUSE~~  
40 ~~(E) COUNTRY: FRANCE~~  
41 ~~(F) POSTAL CODE: 31500~~  
42 *↑*  
43 ~~(A) NAME: DALBON Pascal~~  
44 ~~(B) STREET: 6, boulevard Jules Fabre~~  
45 ~~(C) CITY: LYON~~  
46 ~~(E) COUNTRY: FRANCE~~

RECEIVED  
JUN 26 2000

TECH CENTER 1600, 2000

*EPO format of Patent  
is invalid for  
U.S. case*

*Enos  
throughout*

RAW SEQUENCE LISTING  
PATENT APPLICATION US/09/254,032DATE: 06/10/2000  
TIME: 03:35:22

INPUT SET: S35604.raw

--> 47 ~~(F) POSTAL CODE: 69006~~  
48  
--> 49 ~~(A) NAME: JOLIVET-REYNAUD Colette~~ *have under applicants name*  
--> 50 ~~(B) STREET: 16, avenue des Colennes~~  
--> 51 ~~(C) CITY: BRON~~ *a.p. 1*  
--> 52 ~~(E) COUNTRY: FRANCE~~  
--> 53 ~~(F) POSTAL CODE: 69500~~  
54  
--> 55 ~~(A) NAME: ARNAUD Michel~~ *←*  
--> 56 ~~(B) STREET: 63, rue Gervais Bussire~~  
--> 57 ~~(C) CITY: VILLEURBANE~~  
--> 58 ~~(E) COUNTRY: FRANCE~~  
--> 59 ~~(F) POSTAL CODE: 69100~~  
60  
--> 61 ~~(A) NAME: JOLIVET Michel~~ *←*  
--> 62 ~~(B) STREET: 16, avenue des Colennes~~  
--> 63 ~~(C) CITY: BRON~~  
--> 64 ~~(E) COUNTRY: FRANCE~~  
--> 65 ~~(F) POSTAL CODE: 69500~~  
66  
67 (ii) TITLE OF THE INVENTION: ANTIGENS DERIVED FROM FILAGGRINS AND THEIR USE FOR THE ?  
68  
69 (iii) NUMBER OF SEQUENCES: 6  
70 (iv) CORRESPONDENCE ADDRESS:  
71 (i) ~~(A) ADDRESS:~~ *Insert all left part*  
72 (A) MEDIUM TYPE: Floppy disk *these*  
73 (B) COMPUTER: IBM PC compatible *mandatory*  
74 (C) OPERATING SYSTEM: PC-DOS/MS-DOS *he*  
75 (D) SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO) *readings*  
76 (v) CURRENT APPLICATION DATA:  
77 (2) INFORMATION FOR SEQ ID NO: 1: *and responses for*  
78 (i) SEQUENCE CHARACTERISTICS: *a U.S.*  
79 (A) LENGTH: 24 base pairs  
80 (B) TYPE: nucleotide  
81 (C) STRANDEDNESS: single  
82 (D) TOPOLOGY: linear *case*  
83  
84 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:  
85  
86 TTCCTATACC AGGTGAGCAC TCAT24  
87  
88  
89 (2) INFORMATION FOR SEQ ID NO: 2:  
90  
91 (i) SEQUENCE CHARACTERISTICS:  
92 (A) LENGTH: 25 base pairs  
93 (B) TYPE: nucleotide  
94 (C) STRANDEDNESS: single  
95 (D) TOPOLOGY: linear  
96  
97 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:  
98  
99 AGACCTGAA CGTCCAGACC GTCCC25

RAW SEQUENCE LISTING  
PATENT APPLICATION US/09/254,032DATE: 06/10/2000  
TIME: 03:35:23

INPUT SET: S35604.raw

100  
101 (2) INFORMATION FOR SEQ ID NO: 3:  
102  
103 (i) SEQUENCE CHARACTERISTICS:  
104 (A) LENGTH: 49 amino acids  
105 (B) TYPE: amino acid  
106 (C) STRANDEDNESS:  
107 (D) TOPOLOGY: linear  
108  
109 (ii) MOLECULE TYPE: peptide  
110  
111 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:  
112  
113 Ser Thr Gly His Ser Gly Ser Gln His Ser His Thr Thr Thr Gln Gly  
114 1 5 10 15  
115 Arg Ser Asp Ala Ser Arg Gly Ser Ser Gly Ser Arg Ser Thr Ser Arg  
116 20 25 30  
117 Glu Thr Arg Asp Gln Glu Gln Ser Gly Asp Gly Ser Arg His Ser Gly  
118 35 40 45  
119 Ser  
120  
121

*Misaligned amino acid hor. - see  
item 4  
on Ena  
summary sheet*

122 (2) INFORMATION FOR SEQ ID NO: 4:  
123  
124 (i) SEQUENCE CHARACTERISTICS:  
125 (A) LENGTH: 37 amino acids  
126 (B) TYPE: amino acid  
127 (C) STRANDEDNESS:  
128 (D) TOPOLOGY: linear  
129  
130 (ii) MOLECULE TYPE: peptide  
131  
132 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:  
133  
134 Ser Gln Asp Arg Asp Ser Gln Ala Gln Ser Glu Asp Ser Glu Arg Arg  
135 15 10 15  
136 Ser Ala Ser Ala Ser Arg Asn His Arg Gly Ser Ala Gln Glu Gln Ser  
137 20 25 30  
138 Arg Asp Gly Ser Arg  
139 35  
140

*← fix  
hor*

141 (2) INFORMATION FOR SEQ ID NO: 5:  
142  
143 (i) SEQUENCE CHARACTERISTICS:  
144 (A) LENGTH: 14 amino acids  
145 (B) TYPE: amino acid  
146 (C) STRANDEDNESS:  
147 (D) TOPOLOGY: linear  
148  
149 (ii) MOLECULE TYPE: peptide  
150  
151 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:  
152

RAW SEQUENCE LISTING  
PATENT APPLICATION US/09/254,032DATE: 06/10/2000  
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do not show 15  
its 14 amino acids are shown

153 Glu Gln Ser Ala Asp Ser Ser Arg His Ser Gly Ser Gly His  
154 15 10

155

156

157 (2) INFORMATION FOR SEQ ID NO: 6:

158

159 (i) SEQUENCE CHARACTERISTICS:

160 (A) LENGTH: 14 amino acids

161 (B) TYPE: amino acid

162 (C) STRANDEDNESS:

163 (D) TOPOLOGY: linear

164

165 (ii) MOLECULE TYPE: peptide

166

167 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6:

168

169 Glu Ser Ser Arg Asp Gly Ser Arg His Pro Arg Ser His Asp

170 15 10

171

172

fix

fix

not

SEQUENCE VERIFICATION REPORT  
PATENT APPLICATION US/09/254,032DATE: 06/10/2000  
TIME: 03:35:25

INPUT SET: S35604.raw

Line	Error	Original Text
5	Mandatory Value Not Present	(i)APPLICANT:
6	Unknown or Misplaced Identifier	(A)NAME: BIOMERIEUX
7	Unknown or Misplaced Identifier	(B)STREET: Chemin de l Orme
8	Unknown or Misplaced Identifier	(C)CITY: MARCY-L'ETOILE
9	Unknown or Misplaced Identifier	(E)COUNTRY: FRANCE
10	Unknown or Misplaced Identifier	(F)POSTAL CODE: 69280
12	Unknown or Misplaced Identifier	(A)NAME: SERRE Guy
13	Unknown or Misplaced Identifier	(B)STREET:Rsidences du Lac, Appt. 46,
15	Unknown or Misplaced Identifier	(C)CITY: TOULOUSE
16	Unknown or Misplaced Identifier	(E)COUNTRY: FRANCE
17	Unknown or Misplaced Identifier	(F)POSTAL CODE: 31100
19	Unknown or Misplaced Identifier	(A)NAME: GIRBAL-NEUHAUSER Elisabeth
20	Unknown or Misplaced Identifier	(B)STREET:22 rue Matelache
21	Unknown or Misplaced Identifier	(C)CITY: TOULOUSE
22	Unknown or Misplaced Identifier	(E)COUNTRY: FRANCE
23	Unknown or Misplaced Identifier	(F)POSTAL CODE: 31000
25	Unknown or Misplaced Identifier	(A)NAME: VINCENT Christian
26	Unknown or Misplaced Identifier	(B)STREET:16, avenue de la Saune
27	Unknown or Misplaced Identifier	(C)CITY: LAUZERVILLE
28	Unknown or Misplaced Identifier	(E)COUNTRY: FRANCE
29	Unknown or Misplaced Identifier	(F)POSTAL CODE: 31650
31	Unknown or Misplaced Identifier	(A)NAME: SIMON Michel
32	Unknown or Misplaced Identifier	(B)STREET:152, chemin du Pech
33	Unknown or Misplaced Identifier	(C)CITY: ESCALQUENS
34	Unknown or Misplaced Identifier	(E)COUNTRY: FRANCE
35	Unknown or Misplaced Identifier	(F)POSTAL CODE: 31750
37	Unknown or Misplaced Identifier	(A)NAME: SEBBAG Mireille
38	Unknown or Misplaced Identifier	(B)STREET:3, rue A. Fredeau
39	Unknown or Misplaced Identifier	(C)CITY: TOULOUSE
40	Unknown or Misplaced Identifier	(E)COUNTRY: FRANCE
41	Unknown or Misplaced Identifier	(F)POSTAL CODE: 31500
43	Unknown or Misplaced Identifier	(A)NAME: DALBON Pascal
44	Unknown or Misplaced Identifier	(B)STREET:6, boulevard Jules Fabre
45	Unknown or Misplaced Identifier	(C)CITY: LYON
46	Unknown or Misplaced Identifier	(E)COUNTRY: FRANCE
47	Unknown or Misplaced Identifier	(F)POSTAL CODE: 69006
49	Unknown or Misplaced Identifier	(A)NAME: JOLIVET-REYNAUD Colette
50	Unknown or Misplaced Identifier	(B)STREET:16, avenue des Colonnes
51	Unknown or Misplaced Identifier	(C)CITY: BRON
52	Unknown or Misplaced Identifier	(E)COUNTRY: FRANCE
53	Unknown or Misplaced Identifier	(F)POSTAL CODE: 69500
55	Unknown or Misplaced Identifier	(A)NAME: ARNAUD Michel
56	Unknown or Misplaced Identifier	(B)STREET:63, rue Gervais Bussire
57	Unknown or Misplaced Identifier	(C)CITY: VILLEURBANE
58	Unknown or Misplaced Identifier	(E)COUNTRY: FRANCE
59	Unknown or Misplaced Identifier	(F)POSTAL CODE: 69100
61	Unknown or Misplaced Identifier	(A)NAME: JOLIVET Michel
62	Unknown or Misplaced Identifier	(B)STREET:16, avenue des Colonnes

**SEQUENCE VERIFICATION REPORT**  
**PATENT APPLICATION US/09/254,032**DATE: 06/10/2000  
TIME: 03:35:26*INPUT SET: S35604.raw*

Line	Error	Original Text
63	Unknown or Misplaced Identifier	(C)CITY: BRON
64	Unknown or Misplaced Identifier	(E)COUNTRY: FRANCE
65	Unknown or Misplaced Identifier	(F)POSTAL CODE: 69500

PAGE: 1

**SEQUENCE MISSING ITEM REPORT**  
**PATENT APPLICATION US/09/254,032**

DATE: 06/10/2000  
TIME: 03:35:26

*INPUT SET: S35604.raw*

ADDRESSEE  
STREET  
CITY  
STATE  
COUNTRY  
ZIP  
CORRESPONDENCE ADDRESS  
APPLICATION NUMBER  
FILING DATE  
CLASSIFICATION  
CURRENT APPLICATION DATA  
APPLICATION NUMBER  
FILING DATE  
PRIOR APPLICATION DATA

# Raw Sequence Listing Error Summary

## ERROR DETECTED SUGGESTED CORRECTION

SERIAL NUMBER: 09/54,032

**ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE**

- 1      **Wrapped Nucleics**      The number/text at the end of each line "wrapped" down to the next line.  
This may occur if your file was retrieved in a word processor after creating it.  
Please adjust your right margin to .3, as this will prevent "wrapping".
  
- 2      **Wrapped Aminos**      The amino acid number/text at the end of each line "wrapped " down to the next line.  
This may occur if your file was retrieved in a word processor after creating it.  
Please adjust your right margin to .3, as this will prevent "wrapping".
  
- 3      **Incorrect Line Length**      The rules require that a line not exceed 72 characters in length. This includes spaces.
  
- 4      **Misaligned Amino Acid Numbering**      The numbering under each 5th amino acid is misaligned. This may be caused by the use of tabs between the numbering. It is recommended to delete any tabs and use spacing between the numbers.
  
- 5      **Non-ASCII**      This file was not saved in ASCII (DOS) text, as required by the Sequence Rules.  
Please ensure your subsequent submission is saved in ASCII text so that it can be processed.
  
- 6      **Variable Length**      Sequence(s)      contain n's or Xaa's which represented more than one residue.  
As per the rules, each n or Xaa can only represent a single residue.  
Please present the maximum number of each residue having variable length and indicate in the (ix) feature section that some may be missing.
  
- 7      **PatentIn ver. 2.0 "bug"**      A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequence(s)                     . Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence.
  
- 8      **Skipped Sequences (OLD RULES)**      Sequence(s)      missing. If intentional, please use the following format for each skipped sequence:  
(2) INFORMATION FOR SEQ ID NO:X:  
(i) SEQUENCE CHARACTERISTICS:(Do not insert any headings under "SEQUENCE CHARACTERISTICS")  
(xi) SEQUENCE DESCRIPTION:SEQ ID NO:X:  
This sequence is intentionally skipped  
  
Please also adjust the "(iii) NUMBER OF SEQUENCES:" response to include the skipped sequence(s).
  
- 9      **Skipped Sequences (NEW RULES)**      Sequence(s)      missing. If intentional, please use the following format for each skipped sequence.  
<210> sequence id number  
<400> sequence id number  
000
  
- 10      **Use of n's or Xaa's (NEW RULES)**      Use of n's and/or Xaa's have been detected in the Sequence Listing.  
Use of <220> to <223> is MANDATORY if n's or Xaa's are present.  
In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.
  
- 11      **Use of <213>Organism (NEW RULES)**      Sequence(s)              are missing this mandatory field or its response.
  
- 12      **Use of <220>Feature (NEW RULES)**      Sequence(s)      are missing the <220>Feature and associated headings.  
Use of <220> to <223> is MANDATORY if <213>ORGANISM is "Artificial" or "Unknown"  
Please explain source of genetic material in <220> to <223> section.  
(See "Federal Register," 6/01/98, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of new Rules)
  
- 13      **PatentIn ver. 2.0 "bug"**      Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing).  
Instead, please use "File Manager" or any other means to copy file to floppy disk.